

In the Specification

Please replace the Sequence Listing of record with the accompanying Sequence Listing as new pages 1-120 following page 44 (Abstract of the Disclosure) in the subject specification.

Please replace Paragraph [0014] found on page 5 of the specification with the following paragraph:

[0014] ~~FIG. 2 indicates, graphically, the nucleotide sequence of s-SHIP cDNA and the predicted amino acid sequence of its major open reading frame (ORF)~~ FIG. 2 shows the cDNA sequence of s-SHIP cDNA (SEQ ID NO:13) and the predicted amino acid sequence of its major open reading frame (ORF) (SEQ ID NO:14). The first 784 nucleotides of the SHIP cDNA (SEQ ID NO:11) and amino acid sequence (SEQ ID NO:12) are provided for comparison above the bold arrow. s-SHIP cDNA sequence (SEQ ID NO:13) is indicated below the bold arrow, starting with the numeral 1 and continuing through nucleotide 2946.

Please replace Paragraph [0015] found on page 5 of the specification with the following paragraph:

[0015] FIG. 3 shows the organization of the first exon of s-SHIP. FIG. 3A shows the genomic sequence of the first exon of s-SHIP and adjacent intronic sequence (SEQ ID NO:15). FIG. 3B is a schematic representation of the orientation of the predicted promoter regions and first exons of SHIP and s-SHIP relative to each other in the SHIP locus.

Please replace Paragraph [0019] found on page 5 of the specification with the following paragraph:

[0019] FIG. 7 depicts the organization of the first exon of SIP-110, the human homolog of s-SHIP. FIG. 7A shows the genomic sequence of the SIP-110 first exon and adjacent intronic sequence (SEQ ID NO:16). FIG. 7B shows an alignment of the first exon of human SIP-110 (SEQ ID NO:17) and mouse s-SHIP (SEQ ID NO:18).

Please replace Paragraph [0021] found on page 5 of the specification with the following paragraph:

[0021] ~~Sequence 1 is a mouse s-SHIP sequence of the SHIP isoform~~ SEQ ID NO:1 is a mouse s-SHIP amino acid sequence.

Please replace Paragraph [0022] found on page 5 of the specification with the following paragraph:

[0022] ~~Sequence 2 is a mouse s-SHIP sequence of the SHIP isoform~~ SEQ ID NO:2 is an alternate mouse s-SHIP amino acid sequence.

Please replace Paragraph [0023] found on page 6 of the specification with the following paragraph:

[0023] ~~Sequence 3 is a human s-SHIP sequence of the SHIP isoform~~ SEQ ID NO:3 is a human SIP-110 amino acid sequence.

Please replace Paragraph [0024] found on page 6 of the specification with the following paragraph:

[0024] ~~Sequences 4-8~~ SEQ ID NOs:4-8 are mouse s-SHIP promoter regions.

Please replace Paragraph [0025] found on page 6 of the specification with the following paragraph:

[0025] ~~Sequence 9-10 are human s-SHIP promoter regions~~ SEQ ID NOs:9-10 are mouse s-SHIP promoter regions.

Please insert the following paragraphs under Paragraph [0025] on page 6:

[0025a] SEQ ID NO:11 is mouse SHIP cDNA (partial).

[0025b] SEQ ID NO:12 is mouse SHIP amino acid sequence (partial).

[0025c] SEQ ID NO:13 is mouse s-SHIP cDNA (partial).

[0025d] SEQ ID NO:14 is the mouse s-SHIP amino acid sequence (partial).

[0025e] SEQ ID NO:15 is a first exon of mouse s-SHIP and adjacent intronic sequence.

[0025f] SEQ ID NO:16 is a first exon of human SIP-110 and flanking intronic sequence.

[0025g] SEQ ID NO:17 is a first exon of human SIP-110.

[0025h] SEQ ID NO:18 is a first exon of mouse s-SHIP.